

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An electronic camera having one of a light emitting unit and a connection terminal to a light emitting unit, said electronic camera comprising:

an imaging unit for capturing an image of a subject;

a calculating unit for calculating a color temperature of double illumination according to the image captured with the double illumination which is illumination of both field light and emitted light emitted by said light emitting unit; and

a setting unit for allowing the calculated color temperature to be utilized in a white balance correction value to be applied to said image, wherein

when said calculated color temperature is in a predetermined range, said setting unit ~~decreases a degree by which the calculated color temperature uses a~~ predetermined color temperature which is utilized in the white balance correction value that is different than the calculated color temperature.

2. (Previously Presented) The electronic camera according to Claim 1, wherein when said calculated color temperature is higher than a color temperature of single illumination of said emitted light, said setting unit allows said white balance correction value to approximate a value that suppresses a color of the single illumination.

3. (Previously Presented) The electronic camera according to Claim 2, wherein when said calculated color temperature is higher than the color temperature of the single illumination of said emitted light, said setting unit allows said white balance correction value to coincide with the value that suppresses the color of the single illumination.

4. (Previously Presented) The electronic camera according to Claim 2, wherein

when said calculated color temperature is lower than a color temperature of illumination equivalent to daytime light, said setting unit allows said white balance correction value to approximate the value that suppresses the color of the single illumination of said emitted light.

5. (Previously Presented) The electronic camera according to Claim 4, wherein when said calculated color temperature is lower than the color temperature of the illumination equivalent to daytime light and also lower than a color temperature of illumination equivalent to sunset light, said setting unit allows said white balance correction value to further approximate to said value.

6. (Previously Presented) The electronic camera according to Claim 5, wherein when said calculated color temperature is lower than the color temperature of the illumination equivalent to daytime light and also lower than the color temperature of the illumination equivalent to sunset light, said setting unit allows said white balance correction value to coincide with said value.

7. (Previously Presented) The electronic camera according to Claim 2, wherein when said calculated color temperature is lower than a color temperature of illumination equivalent to daytime light, said setting unit allows said white balance correction value to approximate a value that suppresses a color of the illumination equivalent to daytime light.

8. (Currently Amended) The electronic camera according to Claim 1, further comprising a unit for identifying a type of said field light, wherein said setting unit changes, depending on the identified type, a relationship between a range of said calculated color temperature and the ~~degree by which the calculated~~

~~color temperature use of the predetermined color temperature which~~ is utilized in the white balance correction value.

9. (Currently Amended) A white balance correction circuit for use with an electronic camera capable of emitting emitted light, said circuit comprising:

a calculating unit for calculating a color temperature of double illumination according to an image captured by said electronic camera with the double illumination which is illumination of both field light and emitted light; and

a setting unit for allowing the calculated color temperature to be utilized in a white balance correction value to be applied to said image, wherein

when said calculated color temperature is in a predetermined range, said setting unit ~~decreases a degree by which the calculated color temperature uses a~~ predetermined color temperature which is utilized in the white balance correction value that is different than the calculated color temperature.

10. (Previously Presented) The white balance correction circuit according to Claim 9, wherein

when said calculated color temperature is higher than a color temperature of single illumination of said emitted light, said setting unit allows said white balance correction value to approximate a value that suppresses a color of the single illumination.

11. (Previously Presented) The white balance correction circuit according to Claim 10, wherein

when said calculated color temperature is higher than a color temperature of single illumination of said emitted light, said setting unit allows said white balance correction value to approximate the value that suppresses the color of the single illumination of said emitted light.

12. (Previously Presented) The white balance correction circuit according to Claim 10, wherein

when said calculated color temperature is lower than a color temperature of illumination equivalent to daytime light, said setting unit allows said white balance correction value to approximate the value that suppresses the color of the single illumination of said emitted light.

13. (Previously Presented) The white balance correction circuit according to Claim 12, wherein

when said calculated color temperature is lower than the color temperature of the illumination equivalent to daytime light and also lower than a color temperature of illumination equivalent to sunset light, said setting unit allows said white balance correction value to further approximate to said value.

14. (Previously Presented) The white balance correction circuit according to Claim 13, wherein

when said calculated color temperature is lower than the color temperature of the illumination equivalent to daytime light and also lower than the color temperature of the illumination equivalent to sunset light, said setting unit allows said white balance correction value to coincide with said value.

15. (Previously Presented) The white balance correction circuit according to Claim 10, wherein

when said calculated color temperature is lower than the color temperature of the illumination equivalent to daytime light, said setting unit allows said white balance correction value to approximate a value that suppresses the color of the illumination equivalent to daytime light.

16. (Currently Amended) The white balance correction circuit according to Claim 9, wherein:

said electronic camera is capable of identifying a type of said field light; and
said setting unit changes, depending on the identified type, a relationship between a range of said calculated color temperature and the ~~degree by which the calculated color temperature~~ use of the predetermined color temperature which is utilized in the white balance correction value.